STANDARD DREDGE AND FILL WETLANDS PERMIT APPLICATION

Water Division/Land Resources Management
Wetlands Bureau

Check the Status of your Application

RSA/Rule: RSA 482-A/Env-Wt 100-900

APPLICANT'S NAME: **BAGHDASSARIAN, TANYA** **TOWN NAME:** HAMPTON

Administrative Use Only	Administrative Use Only	Administrative Use Only	File No.:
			Check No.:
			Amount:
			Initials:

A person may request a waiver of the requirements in Rules Env-Wt 100-900 to accommodate situations where strict adherence to the requirements would not be in the best interest of the public or the environment but is still in compliance with RSA 482-A. A person may also request a waiver of the standards for existing dwellings over water pursuant to RSA 482-A:26, III(b). For more information, please consult the Waiver Request Form.

SECTION 1 - REQUIRED PLANNING FOR ALL PROJECTS (Env-Wt 306.05; RSA 482-A:3, I(d)(2))

Please use the Wetland Permit Planning Tool (WPPT), the Natural Heritage Bureau (NHB) DataCheck Tool, the Aquatic Restoration Mapper, or other sources to assist in identifying key features such as: priority resource areas (PRAs), protected species or habitats, coastal areas, designated rivers, or designated prime wetlands.

Has the required planning been completed?	☒ Yes ☐ No
Does the property contain a PRA? If yes, provide the following information:	☐ Yes ☒ No
• Does the project qualify for an Impact Classification Adjustment (e.g. NH Fish and Game Department (NHF&G) and NHB agreement for a classification downgrade) or a Project-Type Exception (e.g. Maintenance or Statutory Permit-by-Notification (SPN) project)? See Env-Wt 407.02 and Env-Wt 407.04.	☐ Yes ☒ No
• Protected species or habitat? o If yes, species or habitat name(s): Field wormwood, Sand Dropseed o NHB Project ID #: 22-0144	☒ Yes ☐ No
• Bog?	☐ Yes ☒ No
• Floodplain wetland contiguous to a tier 3 or higher watercourse?	☐ Yes ☒ No
• Designated prime wetland or duly-established 100-foot buffer?	☐ Yes ☒ No
• Sand dune, tidal wetland, tidal water, or undeveloped tidal buffer zone?	☒ Yes ☐ No
Is the property within a Designated River corridor? If yes, provide the following information: • Name of Local River Management Advisory Committee (LAC): • A copy of the application was sent to the LAC on Month: Day: Year:	☐ Yes ☒ No

For dredging projects, is the subject property contaminated? • If yes, list contaminant:	☐ Yes ☒ No
Is there potential to impact impaired waters, class A waters, or outstanding resource waters?	☐ Yes ☒ No
For stream crossing projects, provide watershed size (see WPPT or Stream Stats): N/A	

SECTION 2 - PROJECT DESCRIPTION (Env-Wt 311.04(i))

Provide a **brief** description of the project and the purpose of the project, outlining the scope of work to be performed and whether impacts are temporary or permanent. DO NOT reply "See attached"; please use the space provided below.

This project has four walkway elements of impact to the upland tidal buffer zone.
1. There is a proposed 370 of temporary impact for the construction of new stairs and for the repair in kind of the existing boulder seawal infront of the cement seawall. All work in this area will be within the existing footprint of the seawalls.
2. There is a proposed 233 SF of permanent pervous impact for a new patio.
3. There is 1,129 SF of temporary impact for access to replace existing impervious walkways to pervious and work areas for construction of the pervous patio
4. There is a fence proposed along the northern boundary with 16 SF of post holes.

SECTION 3 - PROJECT LOCATION

Separate wetland permit applications must be submitted for each municipality within which wetland impacts occur.

ADDRESS: 1074 Ocean Blvd

TOWN/CITY: Hampton

TAX MAP/BLOCK/LOT/UNIT: Map 98 Lot 08

US GEOLOGICAL SURVEY (USGS) TOPO MAP WATERBODY NAME: Atlantic Ocean
☐ N/A

(Optional) LATITUDE/LONGITUDE in decimal degrees (to five decimal places): ° North
° West

SECTION 4 - APPLICANT (DESIRED PERMIT HOLDER) INFORMATION (Env-Wt 311.04(a))

If the applicant is a trust or a company, then complete with the trust or company information.

NAME: BAGHDASSARIAN, TANYA		
MAILING ADDRESS: 1074 Ocean Blvd		
TOWN/CITY: Hampton	STATE: NH	ZIP CODE: 03842
EMAIL ADDRESS: tanya@nobelsystems.com		
FAX:	PHONE: 9175022005	

ELECTRONIC COMMUNICATION: By initialing here: , I hereby authorize NHDES to communicate all matters relative to this application electronically.

SECTION 5 - AUTHORIZED AGENT INFORMATION (Env-Wt 311.04(c))

☐ N/A

LAST NAME, FIRST NAME, M.I.: West, Mark, C.		
COMPANY NAME: West Environmenetal, Inc.		
MAILING ADDRESS: 48 Stevens Hill Road		
TOWN/CITY: Nottingham	STATE: NH	ZIP CODE: 03290
EMAIL ADDRESS: mark@westenv.net		
FAX:	PHONE: 603-734-4298	

ELECTRONIC COMMUNICATION: By initialing here , I hereby authorize NHDES to communicate all matters relative to this application electronically.

SECTION 6 - PROPERTY OWNER INFORMATION (IF DIFFERENT THAN APPLICANT) (Env-Wt 311.04(b))

If the owner is a trust or a company, then complete with the trust or company information.

☐ Same as applicant

NAME:		
MAILING ADDRESS:		
TOWN/CITY:	STATE:	ZIP CODE:
EMAIL ADDRESS:		
FAX:	PHONE:	

ELECTRONIC COMMUNICATION: By initialing here , I hereby authorize NHDES to communicate all matters relative to this application electronically.

SECTION 7 - RESOURCE-SPECIFIC CRITERIA ESTABLISHED IN Env-Wt 400, Env-Wt 500, Env-Wt 600, Env-Wt 700, OR Env-Wt 900 HAVE BEEN MET (Env-Wt 313.01(a)(3))

Describe how the resource-specific criteria have been met for each chapter listed above (please attach information about stream crossings, coastal resources, prime wetlands, or non-tidal wetlands and surface waters):
This project includes impacts in previously developed Upland Tidal Buffer zone, and degraded dune.

All proposed work is above the highest observable tideline and the 2 foot sea-level rise. The project also includes the repair of a boulder seawall and installation of steps wthin the footprint of that seawall. In addition the project includes conversion of imperious walkways to pervious walkways to reduce impervious areas on the site. This project includes a new pervious patio and a privacy fence. Native Tree planting will be used for buffers to neighbors and all disturbed dune areas for temporary impacts will be retored with plants from the site.

SECTION 8 - AVOIDANCE AND MINIMIZATION

Impacts within wetland jurisdiction must be avoided to the maximum extent practicable (Env-Wt 313.03(a)).* Any project with unavoidable jurisdictional impacts must then be minimized as described in the Wetlands Best Management Practice Techniques For Avoidance and Minimization and the Wetlands Permitting: Avoidance, Minimization and Mitigation Fact Sheet. For minor or major projects, a functional assessment of all wetlands on the project site is required (Env-Wt 311.03(b)(10)).*

Please refer to the application checklist to ensure you have attached all documents related to avoidance and minimization, as well as functional assessment (where applicable). Use the Avoidance and Minimization Checklist, the Avoidance and Minimization Narrative, or your own avoidance and minimization narrative.

**See Env-Wt 311.03(b)(6) and Env-Wt 311.03(b)(10) for shoreline structure exemptions.*

SECTION 9 - MITIGATION REQUIREMENT (Env-Wt 311.02)

If unavoidable jurisdictional impacts require mitigation, a mitigation pre-application meeting must occur at least 30 days but not more than 90 days prior to submitting this Standard Dredge and Fill Permit Application.

Mitigation Pre-Application Meeting Date: Month: Day: Year:

(☒ N/A - Mitigation is not required)

SECTION 10 - THE PROJECT MEETS COMPENSATORY MITIGATION REQUIREMENTS (Env-Wt 313.01(a)(1)c)

Confirm that you have submitted a compensatory mitigation proposal that meets the requirements of Env-Wt 800 for all permanent unavoidable impacts that will remain after avoidance and minimization techniques have been exercised to the maximum extent practicable: ☐ I confirm submittal.

(☒ N/A – Compensatory mitigation is not required)

SECTION 11 - IMPACT AREA (Env-Wt 311.04(g))

For each jurisdictional area that will be/has been impacted, provide square feet (SF) and, if applicable, linear feet (LF) of impact, and note whether the impact is after-the-fact (ATF; i.e., work was started or completed without a permit).

For intermittent and ephemeral streams, the linear footage of impact is measured along the thread of the channel. *Please note, installation of a stream crossing in an ephemeral stream may be undertaken without a permit per Rule Env-Wt 309.02(d), however other dredge or fill impacts should be included below.*

For perennial streams/rivers, the linear footage of impact is calculated by summing the lengths of disturbances to the channel and banks.

Permanent impacts are impacts that will remain after the project is complete (e.g., changes in grade or surface materials).

Temporary impacts are impacts not intended to remain (and will be restored to pre-construction conditions) after the project is completed.

JURISDICTIONAL AREA		PERMANENT			TEMPORARY		
		SF	LF	ATF	SF	LF	ATF
Wetlands	Forested Wetland			☐			☐
	Scrub-shrub Wetland			☐			☐
	Emergent Wetland			☐			☐
	Wet Meadow			☐			☐
	Vernal Pool			☐			☐
	Designated Prime Wetland			☐			☐
	Duly-established 100-foot Prime Wetland Buffer			☐			☐
Surface Water	Intermittent / Ephemeral Stream			☐			☐
	Perennial Stream or River			☐			☐
	Lake / Pond			☐			☐
	Docking - Lake / Pond			☐			☐
	Docking - River			☐			☐
Banks	Bank - Intermittent Stream			☐			☐
	Bank - Perennial Stream / River			☐			☐
	Bank / Shoreline - Lake / Pond			☐			☐
Tidal	Tidal Waters			☐			☐
	Tidal Marsh			☐			☐
	Sand Dune	202		☐	409		☐
	Undeveloped Tidal Buffer Zone (TBZ)			☐	751		☐
	Previously-developed TBZ			☐			☐
	Docking - Tidal Water			☐			☐
TOTAL		202			**1,160**		

SECTION 12 - APPLICATION FEE (RSA 482-A:3, I)

☐ **MINIMUM IMPACT FEE**: Flat fee of $400.

☐ **NON-ENFORCEMENT RELATED, PUBLICLY-FUNDED AND SUPERVISED RESTORATION PROJECTS, REGARDLESS OF IMPACT CLASSIFICATION:** Flat fee of $400 (refer to RSA 482-A:3, 1(c) for restrictions).

☒ **MINOR OR MAJOR IMPACT FEE:** Calculate using the table below:

Permanent and temporary (non-docking):	1362 SF	× $0.40 =	$	544.8
Seasonal docking structure:	SF	× $2.00 =	$	
Permanent docking structure:	SF	× $4.00 =	$	
Projects proposing shoreline structures (including docks) add $400 =			$	
Total =			$	544.8

The application fee for minor or major impact is the above calculated total or $400, whichever is greater = $ 544.8.

SECTION 13 - PROJECT CLASSIFICATION (Env-Wt 306.05)

Indicate the project classification.

☒ Minimum Impact Project	☐ Minor Project	☐ Major Project

SECTION 14 - REQUIRED CERTIFICATIONS (Env-Wt 311.11)

Initial each box below to certify:

Initials:	
	To the best of the signer's knowledge and belief, all required notifications have been provided.
Initials:	The information submitted on or with the application is true, complete, and not misleading to the best of the signer's knowledge and belief.
Initials:	The signer understands that: • The submission of false, incomplete, or misleading information constitutes grounds for NHDES to: 1. Deny the application. 2. Revoke any approval that is granted based on the information. 3. If the signer is a certified wetland scientist, licensed surveyor, or professional engineer licensed to practice in New Hampshire, refer the matter to the joint board of licensure and certification established by RSA 310-A:1. • The signer is subject to the penalties specified in New Hampshire law for falsification in official matters, currently RSA 641. • The signature shall constitute authorization for the municipal conservation commission and the Department to inspect the site of the proposed project, except for minimum impact forestry SPN projects and minimum impact trail projects, where the signature shall authorize only the Department to inspect the site pursuant to RSA 482-A:6, II.
Initials:	If the applicant is not the owner of the property, each property owner signature shall constitute certification by the signer that he or she is aware of the application being filed and does not object to the filing.

SECTION 15 - REQUIRED SIGNATURES (Env-Wt 311.04(d); Env-Wt 311.11)

SIGNATURE (OWNER):	PRINT NAME LEGIBLY:	DATE:
SIGNATURE (APPLICANT, IF DIFFERENT FROM OWNER):	PRINT NAME LEGIBLY:	DATE:
SIGNATURE (AGENT, IF APPLICABLE):	PRINT NAME LEGIBLY:	DATE:

SECTION 16 - TOWN / CITY CLERK SIGNATURE (Env-Wt 311.04(f))

As required by RSA 482-A:3, I(a)(1), I hereby certify that the applicant has filed four application forms, four detailed plans, and four USGS location maps with the town/city indicated below.

TOWN/CITY CLERK SIGNATURE:	PRINT NAME LEGIBLY:
TOWN/CITY:	DATE:

DIRECTIONS FOR TOWN/CITY CLERK:
Per RSA 482-A:3, I(a)(1)

1. IMMEDIATELY sign the original application form and four copies in the signature space provided above.
2. Return the signed original application form and attachments to the applicant so that the applicant may submit the application form and attachments to NHDES by mail or hand delivery.
3. IMMEDIATELY distribute a copy of the application with one complete set of attachments to each of the following bodies: the municipal Conservation Commission, the local governing body (Board of Selectmen or Town/City Council), and the Planning Board.
4. Retain one copy of the application form and one complete set of attachments and make them reasonably accessible for public review.

DIRECTIONS FOR APPLICANT:
Submit the original permit application form bearing the signature of the Town/City Clerk, additional materials, and the application fee to NHDES by mail or hand delivery at the address at the bottom of this page. Make check or money order payable to “Treasurer – State of NH”.

Keep this checklist for your reference; do not submit with your application.

APPLICATION CHECKLIST

Unless specified, all items below are required. Failure to provide the required items will delay a decision on your project and may result in denial of your application. Please reference statute RSA 482-A, Fill and Dredge in Wetlands, and the Wetland Rules Env-Wt 100-900.

- ☐ The completed, dated, signed, and certified application (Env-Wt 311.03(b)(1)).
- ☐ Correct fee as determined in RSA 482-A:3, I(b) or (c), subject to any cap established by RSA 482-A:3, X (Env-Wt 311.03(b)(2)). Make check or money order payable to "Treasurer – State of NH".
- ☐ The Required Planning actions required by Env-Wt 311.01(a)-(c) and Env-Wt 311.03(b)(3).
- ☐ US Army Corps of Engineers (ACE) "Appendix B, New Hampshire General Permits (GPs), Required Information and Corps Secondary Impacts Checklist" and its required attachments (Env-Wt 307.02). This includes the US Fish and Wildlife Service IPAC review and Section 106 Historic/Archaeological Resource review.
- ☐ Project plans described in Env-Wt 311.05 (Env-Wt 311.03(b)(4)).
- ☐ Maps, or electronic shape files and meta data, and other attachments specified in Env-Wt 311.06 (Env-Wt 311.03(b)(5)).
- ☐ Explanation of the methods, timing, and manner as to how the project will meet standard permit conditions required in Env-Wt 307 (Env-Wt 311.03(b)(7)).
- ☐ If applicable, the information regarding proposed compensatory mitigation specified in Env-Wt 311.08 and Chapter Env-Wt 800 - Permittee Responsible Mitigation Project Worksheet, unless not required under Env-Wt 313.04 (Env-Wt 311.03(b)(8); Env-Wt 311.08; Env-Wt 313.04).
- ☐ Any additional information specific to the **type of resource** as specified in Env-Wt 311.09 (Env-Wt 311.03(b)(9); Env-Wt 311.04(j)).
- ☐ Project specific information required by Env-Wt 500, Env-Wt 600, and Env-Wt 900 (Env-Wt 311.03(b)(11)).
- ☐ A list containing the name, mailing address and tax map/lot number of each abutter to the subject property (Env-Wt 311.03(b)(12)).
- ☐ Copies of certified postal receipts or other proof of receipt of the notices that are required by RSA 482-A:3, I(d) (Env-Wt 311.03(b)(13)).
- ☐ Project design considerations required by Env-Wt 313 (Env-Wt 311.04(j)).
- ☐ Town tax map showing the subject property, the location of the project on the property, and the location of properties of abutters with each lot labeled with the name and mailing address of the abutter (Env-Wt 311.06(a)).
- ☐ Dated and labeled color photographs that:
  - (1) Clearly depict:
    - a. All jurisdictional areas, including but not limited to portions of wetland, shoreline, or surface water where impacts have or are proposed to occur.
    - b. All existing shoreline structures.
  - (2) Are mounted or printed no more than 2 per sheet on 8.5 x 11 inch sheets (Env-Wt 311.06(b)).
- ☐ A copy of the appropriate US Geological Survey map or updated data based on LiDAR at a scale of one inch equals 2,000 feet showing the location of the subject property and proposed project (Env-Wt 311.06(c)).
- ☐ A narrative that describes the work sequence, including pre-construction through post-construction, and the relative timing and progression of all work (Env-Wt 311.06(d)).

- ☐ For all projects in the protected tidal zone, a copy of the recorded deed with book and page numbers for the property (Env-Wt 311.06(e)).
- ☐ If the applicant is not the owner in fee of the subject property, documentation of the applicant's legal interest in the subject property, provided that for utility projects in a utility corridor, such documentation may comprise a list that:
  - (1) Identifies the county registry of deeds and book and page numbers of all of the easements or other recorded instruments that provide the necessary legal interest; and
  - (2) Has been certified as complete and accurate by a knowledgeable representative of the applicant (Env-Wt 311.06(f)).
- ☐ The NHB memo containing the NHB identification number and results as well as any written follow-up communications such as additional memos or email communications with either NHB or NHF&G (Env-Wt 311.06(g)). See Wetlands Permitting: Protected Species and Habitat Fact Sheet.
- ☐ A statement of whether the applicant has received comments from the local conservation commission and, if so, how the applicant has addressed the comments (Env-Wt 311.06(h)).
- ☐ For projects in LAC jurisdiction, a statement of whether the applicant has received comments from the LAC and, if so, how the applicant has addressed the comments (Env-Wt 311.06(i)).
- ☐ If the applicant is also seeking to be covered by the state general permits, a statement of whether comments have been received from any federal agency and, if so, how the applicant has addressed the comments (Env-Wt 311.06(j)).
- ☐ Avoidance and Minimization Written Narrative or the Avoidance and Minimization Checklist, or your own avoidance and minimization narrative (Env-Wt 311.07).
- ☐ For after-the-fact applications: information required by Env-Wt 311.12.
- ☐ Coastal Resource Worksheet for coastal projects as required under Env-Wt 600.
- ☐ Prime Wetlands information required under Env-Wt 700. See WPPT for prime wetland mapping.

Required Attachments for Minor and Major Projects

- ☐ Attachment A: Minor and Major Projects (Env-Wt 313.03).
- ☐ Functional Assessment Worksheet or others means of documenting the results of actions required by Env-Wt 311.10 as part of an application preparation for a standard permit (Env-Wt 311.03(b)(3); Env-Wt 311.03(b)(10)). See Functional Assessments for Wetlands and Other Aquatic Resources Fact Sheet. For shoreline structures, see shoreline structures exemption in Env-Wt 311.03(b)(10)).

Optional Materials

- ☐ Stream Crossing Worksheet which summarizes the requirements for stream crossings under Env-Wt 900.
- ☐ Request for concurrent processing of related shoreland / wetlands permit applications (Env-Wt 313.05).

NEW IMPACT AREA CALCULATIONS

TIDAL BUFFER ZONE

NEW PERMANENT IMPACT = 233 S.F.
TEMPORARY IMPACT = 1,129 S.F.
TOTAL NEW IMPACT = 1,362 S.F.

TOWN OF HAMPTON
50' WETLAND BUFFER

TEMPORARY IMPACT = 634 S.F.

NO NEW PERMANENT IMPACT

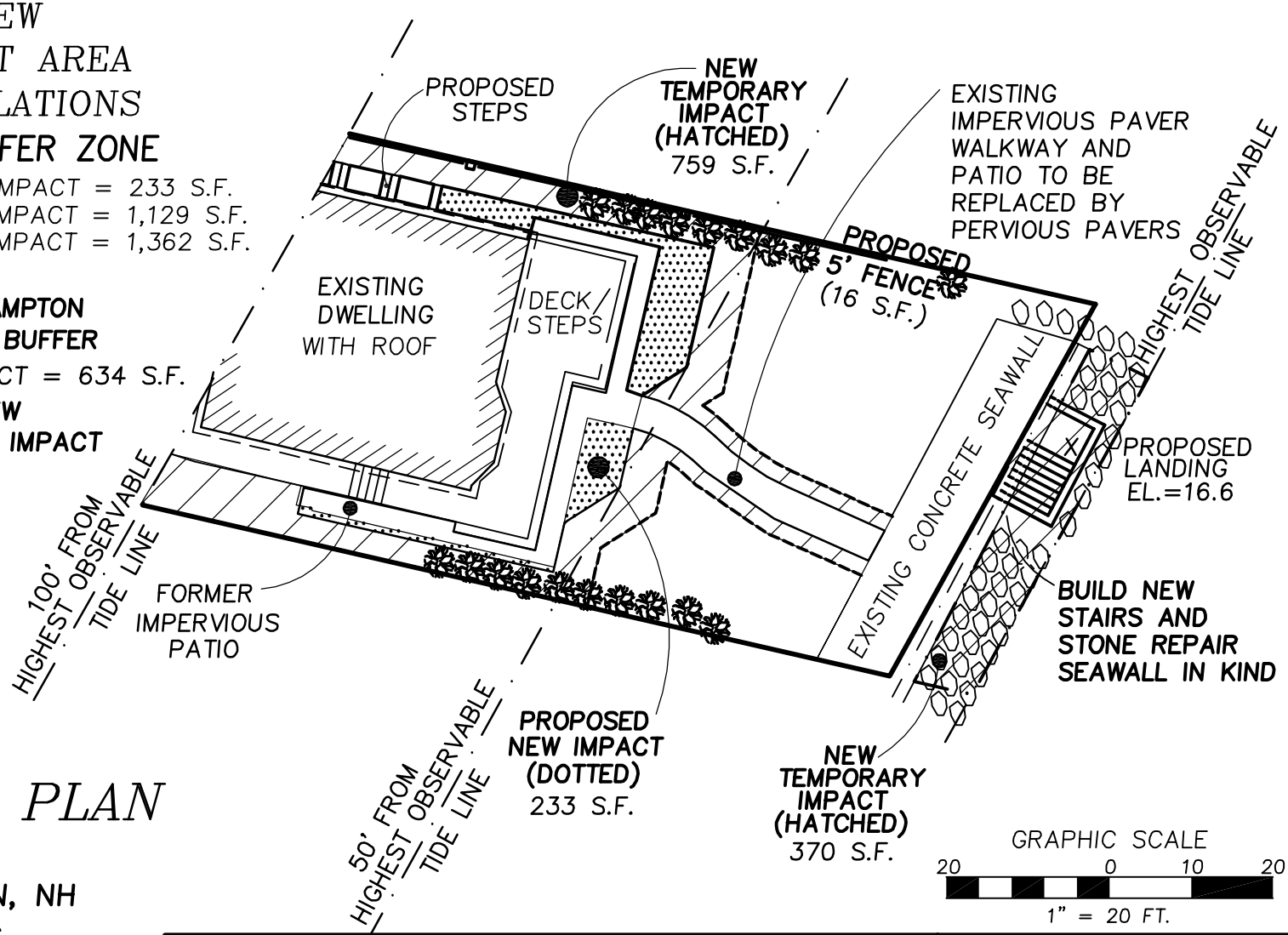


EXHIBIT PLAN

IN

HAMPTON, NH

SHOWING

NEW IMPACTS IN THE TIDAL BUFFER

AT 1074 OCEAN BLVD.

MILLENNIUM ENGINEERING INC.
ENGINEERS AND LAND SURVEYORS
P.O. BOX 745 13 HAMPTON ROAD EXETER, NH 03833
PHONE: (603)778-0528 FAX: (603)772-0689 WWW.MEI-NH.COM

SCALE: 1"=20'
DATE: 2/22/22
DRWN BY: K.I.M.
CHKD BY:
PROJECT: E202578

STANDARD DREDGE AND FILL WETLANDS PERMIT APPLICATION ATTACHMENT A: MINOR AND MAJOR PROJECTS

Water Division/Land Resources Management

Wetlands Bureau

Check the Status of your Application

RSA/ Rule: RSA 482-A/ Env-Wt 311.10; Env-Wt 313.01(a)(1); Env-Wt 313.03

APPLICANT'S NAME: BAGHDASSARIAN, TANYA **TOWN NAME:** Hampton

Attachment A is required for *all minor and major projects*, and must be completed *in addition* to the Avoidance and Minimization Narrative or Checklist that is required by Env-Wt 307.11.

For projects involving construction or modification of non-tidal shoreline structures over areas of surface waters having an absence of wetland vegetation, only Sections I.X through I.XV are required to be completed.

PART I: AVOIDANCE AND MINIMIZATION

In accordance with Env-Wt 313.03(a), the Department shall not approve any alteration of any jurisdictional area unless the applicant demonstrates that the potential impacts to jurisdictional areas have been avoided to the maximum extent practicable and that any unavoidable impacts have been minimized, as described in the Wetlands Best Management Practice Techniques For Avoidance and Minimization.

SECTION I.I - ALTERNATIVES (Env-Wt 313.03(b)(1))

Describe how there is no practicable alternative that would have a less adverse impact on the area and environments under the Department's jurisdiction.

1. THE SEAWALL REPAIR CAN ONLY BE PERFORMED WITHIN THE LIMITS OF THE EXISTING SEAWALL
2. THE STAIRS ARE NECESSARY TO ACCESS THE EBACH AND HAVE A MINIMIZED FOOTPRINT OF 105 SF.
3. THE WALKWAY THAT WILL BE REMOVED WILL BE RESTORED TO WETLAND AND THE NEW PERVIOUS WALKWAY IS PROPOSED IN AN AEREA OF RUGOSA ROSE INSTEAD OF AMERICAN BEACHGRASS DUNE.
4. THE NEW PATIO IS PERVIOUS AND LOCATED AS CLOSE TO THE EXISTING DECK AS POSSIBLE.
5. THE PROPOSED BUFFER PLANTINGS WILL BE NATIVE DUNE VEGETATION ONLY.
6. THE FENCE WILL BE RAISED 6 INCHES OFF THE GROUND TO ALLOW SAND AND WILDLIFE MOVEMENT.

SECTION I.II - MARSHES (Env-Wt 313.03(b)(2))

Describe how the project avoids and minimizes impacts to tidal marshes and non-tidal marshes where documented to provide sources of nutrients for finfish, crustacean, shellfish, and wildlife of significant value.

N/A

SECTION I.III - HYDROLOGIC CONNECTION (Env-Wt 313.03(b)(3))

Describe how the project maintains hydrologic connections between adjacent wetland or stream systems.

The seawall repair wll help dissapate wave energy and is located above the highest observable tideline.

SECTION I.IV - JURISDICTIONAL IMPACTS (Env-Wt 313.03(b)(4))

Describe how the project avoids and minimizes impacts to wetlands and other areas of jurisdiction under RSA 482-A, especially those in which there are exemplary natural communities, vernal pools, protected species and habitat, documented fisheries, and habitat and reproduction areas for species of concern, or any combination thereof.

The dune will be restored where temporary impact occur with native dune plants. Any rare plants onserved within impact areas will be salvaged and planted within the restored or undisturbed dune.

SECTION I.V - PUBLIC COMMERCE, NAVIGATION, OR RECREATION (Env-Wt 313.03(b)(5))

Describe how the project avoids and minimizes impacts that eliminate, depreciate or obstruct public commerce, navigation, or recreation.

The stairs are similar to the designs on adjacent properties and will not block beach foot traffic.

SECTION I.VI - FLOODPLAIN WETLANDS (Env-Wt 313.03(b)(6))

Describe how the project avoids and minimizes impacts to floodplain wetlands that provide flood storage.

The stair footprint has been minimized which will reduce any impact to storm surges.

SECTION I.VII - RIVERINE FORESTED WETLAND SYSTEMS AND SCRUB-SHRUB – MARSH COMPLEXES (Env-Wt 313.03(b)(7))

Describe how the project avoids and minimizes impacts to natural riverine forested wetland systems and scrub-shrub – marsh complexes of high ecological integrity.

N/A

SECTION I.VIII - DRINKING WATER SUPPLY AND GROUNDWATER AQUIFER LEVELS (Env-Wt 313.03(b)(8))

Describe how the project avoids and minimizes impacts to wetlands that would be detrimental to adjacent drinking water supply and groundwater aquifer levels.

The proposed use of impervious technology will increase water infiltration.

SECTION I.IX - STREAM CHANNELS (Env-Wt 313.03(b)(9))

Describe how the project avoids and minimizes adverse impacts to stream channels and the ability of such channels to handle runoff of waters.

N/A

SECTION I.X - SHORELINE STRUCTURES - CONSTRUCTION SURFACE AREA (Env-Wt 313.03(c)(1))

Describe how the project has been designed to use the minimum construction surface area over surface waters necessary to meet the stated purpose of the structures.

There is no work over surface waters and the stars havea minnimum footprint adjacent the ocean.

SECTION I.XI - SHORELINE STRUCTURES - LEAST INTRUSIVE UPON PUBLIC TRUST (Env-Wt 313.03(c)(2))

Describe how the type of construction proposed is the least intrusive upon the public trust that will ensure safe docking on the frontage.

No docking structures are proposed.

SECTION I.XII - SHORELINE STRUCTURES – ABUTTING PROPERTIES (Env-Wt 313.03(c)(3))

Describe how the structures have been designed to avoid and minimize impacts on ability of abutting owners to use and enjoy their properties.

N/A

SECTION I.XIII - SHORELINE STRUCTURES – COMMERCE AND RECREATION (Env-Wt 313.03(c)(4))

Describe how the structures have been designed to avoid and minimize impacts to the public's right to navigation, passage, and use of the resource for commerce and recreation.

The stairs are similar to the designs on adjacent properties and will not block beach foot traffic.

SECTION I.XIV - SHORELINE STRUCTURES – WATER QUALITY, AQUATIC VEGETATION, WILDLIFE AND FINFISH HABITAT (Env-Wt 313.03(c)(5))

Describe how the structures have been designed, located, and configured to avoid impacts to water quality, aquatic vegetation, and wildlife and finfish habitat.

N/A

SECTION I.XV - SHORELINE STRUCTURES – VEGETATION REMOVAL, ACCESS POINTS, AND SHORELINE STABILITY (Env-Wt 313.03(c)(6))

Describe how the structures have been designed to avoid and minimize the removal of vegetation, the number of access points through wetlands or over the bank, and activities that may have an adverse effect on shoreline stability.

The project proposes to repair and existing seawall to provide shoreline stabilization.

PART II: FUNCTIONAL ASSESSMENT
REQUIREMENTS Ensure that project meets the requirements of Env-Wt 311.10 regarding functional assessment (Env-Wt 311.04(j); Env-Wt 311.10).
FUNCTIONAL ASSESSMENT METHOD USED: West Environemental Dune Functional Assessment
NAME OF CERTIFIED WETLAND SCIENTIST (FOR NON-TIDAL PROJECTS) OR QUALIFIED COASTAL PROFESSIONAL (FOR TIDAL PROJECTS) WHO COMPLETED THE ASSESSMENT: MARK C. WEST
DATE OF ASSESSMENT: JUNE 2021
Check this box to confirm that the application includes a NARRATIVE ON FUNCTIONAL ASSESSMENT: ☒
For minor or major projects requiring a standard permit without mitigation, the applicant shall submit a wetland evaluation report that includes completed checklists and information demonstrating the RELATIVE FUNCTIONS AND VALUES OF EACH WETLAND EVALUATED. Check this box to confirm that the application includes this information, if applicable: ☒ Note: The Wetlands Functional Assessment worksheet can be used to compile the information needed to meet functional assessment requirements.

AVOIDANCE AND MINIMIZATION WRITTEN NARRATIVE

Water Division/Land Resources Management

Wetlands Bureau

Check the Status of your Application

RSA/ Rule: RSA 482-A/ Env-Wt 311.04(j); Env-Wt 311.07; Env-Wt 313.01(a)(1)b; Env-Wt 313.01(c)

APPLICANT'S NAME: Syvinski **TOWN NAME:** Seabrook

An applicant for a standard permit shall submit with the permit application a written narrative that explains how all impacts to functions and values of all jurisdictional areas have been avoided and minimized to the maximum extent practicable. This attachment can be used to guide the narrative (attach additional pages if needed). Alternatively, the applicant may attach a completed Avoidance and Minimization Checklist (NHDES-W-06-050) to the permit application.

SECTION 1 - WATER ACCESS STRUCTURES (Env-Wt 311.07(b)(1))

Is the primary purpose of the proposed project to construct a water access structure?

No

SECTION 2 - BUILDABLE LOT (Env-Wt 311.07(b)(1))

Does the proposed project require access through wetlands to reach a buildable lot or portion thereof?

No

SECTION 3 - AVAILABLE PROPERTY (Env-Wt 311.07(b)(2))*

For any project that proposes permanent impacts of more than one acre, or that proposes permanent impacts to a PRA, or both, are any other properties reasonably available to the applicant, whether already owned or controlled by the applicant or not, that could be used to achieve the project's purpose without altering the functions and values of any jurisdictional area, in particular wetlands, streams, and PRAs?

**Except as provided in any project-specific criteria and except for NH Department of Transportation projects that qualify for a categorical exclusion under the National Environmental Policy Act.*

N/A

SECTION 4 - ALTERNATIVES (Env-Wt 311.07(b)(3))

Could alternative designs or techniques, such as different layouts, different construction sequencing, or alternative technologies be used to avoid impacts to jurisdictional areas or their functions and values as described in the Wetlands Best Management Practice Techniques For Avoidance and Minimization?

The applicant proposes to convert impervious areas to pervious areas, install a pervious patio and walkway, and plant native vegetation for buffers to neighbors. In addition there are proposed stairs deigned in a small footprint but built with concrete to survive storm events and the respar of a seawall in kind to protect from storm surges. Overall impervious areas will be reduced onsite.

SECTION 5 - CONFORMANCE WITH Env-Wt 311.10(c) (Env-Wt 311.07(b)(4))**

How does the project conform to Env-Wt 311.10(c)?

***Except for projects solely limited to construction or modification of non-tidal shoreline structures only need to complete relevant sections of Attachment A.*

The proposed project utilizes design elements to minimize impacts to the wetland functions. (See above)

COASTAL RESOURCE WORKSHEET

Water Division/Land Resources Management
Wetlands Bureau

RSA/Rule: RSA 482-A/ Env-Wt 600

Applicability: This worksheet may be used to present the information required for projects in coastal areas in addition to the information required for Lower-Scrutiny Approvals, Expedited Permits, and Standard Permits under Env-Wt 603.01.

Please refer to Env-Wt 605.03 for impacts requiring compensatory mitigation.

SECTION 1 - REQUIRED INFORMATION (Env-Wt 603.02; Env-Wt 603.06; Env-Wt 603.09)
The following information is required for projects in coastal areas.

Describe the purpose of the proposed project, including the overall goal of the project, the core project purpose including a concise description of the facilities and work that could impact jurisdictional areas, and the intended project outcome. Specifically identify all natural resource assets in the area proposed to be impacted and include maps created through a data screening in accordance with Env-Wt 603.03 (refer to Section 2) and Env-Wt 603.04 (refer to Section 3) as attachments.

The goal of this project is to provide access to the beach, repair the seawall, relocate a beach path, buld a pervious patio, build a privacy fence and plant a native tree buffer all within th upland tidal buffer zone a portion of which is dune. We have attached detailed site plans, an aerial photo, and all required natural resource map and photographs.

For standard permit projects, provide:

☒ A Coastal Functional Assessment (CFA) report (refer to Section 3); and

☒ A vulnerability assessment (refer to Section 4).

Explain all recommended methods and other considerations to protect the natural resource assets during and as a result of project construction in accordance with Env-Wt 603.04, Env-Wt 311.07, and Env-Wt 313.

All impacted dune vegetation will be preserved and relocated onsite. Pervious technology is proposed to reduce stormwater runof. All imoacts for the construction of the stiars and repair of the seaawall are temporary ecept for the 105 squre feet for the stairs.

Provide a narrative showing how the project meets the standard conditions in Env-Wt 307 and the approval criteria in Env-Wt 313.01.

Water Quality mpacts have been minimized by using pervious technology and the site is a flat dune. No erosion control blankets will be used on site and the temporary impacts will be restored with onsite dune vegegtation. The work in th dunes will be done by hand and the work for the wall and stairs will utilize an excavator which will be removed from the each every day after work is finished.

There were no invasive species found onsite within the 100 foot buffer however is any are incountered they will be removed and disposed of properly. There is no filling proposed just coversion of impervious to pervious pavers. The stone used for the seawall will be mostly comprised of existing stone washed from the wall. A monitoring report will be provided at the completion of work within the 100-foot buffer.

Provide a project design narrative that includes the following:

☒ A discussion of how the proposed project:

- Uses best management practices and standard conditions in Env-Wt 307;
- Meets all avoidance and minimization requirements in Env-Wt 311.07 and Env-Wt 313.03;
- Meets approval criteria in Env-Wt 313.01;
- Meets evaluation criteria in Env-Wt 313.01(c);
- Meets CFA requirements in Env-Wt 603.04; and
- Considers sea-level rise and potential flooding evaluated pursuant to Env-Wt 603.05;

☒ A construction sequence, erosion/siltation control methods to be used, and a dewatering plan; and

☒ A discussion of how the completed project will be maintained and managed.

A functiona assessment of the dune was completed and the data form is part of the wetland report.

The dune is well vegetated and stable.

The project has minimized the footprint of the stairs and seawall. This is the closest work area to sea level rise and the wall repairs is specifically designed to address and protect the property. The impact within the dune is well above predicted sea-level rise. A construction sequence for the seawall and stairs is included in the wetland report.

☒ Provide design plans that meet the requirements of Env-Wt 603.07 (refer to Section 5);

☐ Provide water depth supporting information required by Env-Wt 603.08 (refer to Section 6); and

☐ For any major project that proposes to construct a structure in tidal waters/wetlands or to extend an existing structure seaward, provide a statement from the Pease Development Authority Division of Ports and Harbors ("DP&H") chief harbormaster, or designee, for the subject location relative to the proposed structure's impact on navigation. If the proposed structure might impede existing public passage along the subject shoreline on foot or by non-motorized watercraft, the applicant shall explain how the impediments have been minimized to the greatest extent practicable.

N/A All work s above the high tide line.

SECTION 2 - DATA SCREENING (Env-Wt 603.03, in addition to Env-Wt 306.05)

Please use the Wetland Permit Planning Tool, or any other database or source, to indicate the presence of:

☒ Existing salt marsh and salt marsh migration pathways;

☒ Eelgrass beds;

☒ Documented shellfish sites;

☒ Projected sea-level rise; and

☒ 100-year floodplain.

Conduct data screening as described to identify documented essential fish habitat, and tides and currents that may be impacted by the proposed project, by using the following links:

☐ National Oceanic and Atmospheric Administration (NOAA) Tides & Currents; and

☐ NOAA Essential Fish Habitat Mapper.

☒ Verify or correct the information collected from the data screenings by conducting an on-site assessment of the subject property in accordance with Env-Wt 406 and Env-Wt 603.04.

SECTION 3 - COASTAL FUNCTIONAL ASSESSMENT/ AVOIDANCE AND MINIMIZATION (Env-Wt 603.04; Env-Wt 605.01; Env-Wt 605.02; Env-Wt 605.03)

Projects in coastal areas shall:

☒ Not impair the navigation, recreation, or commerce of the general public; and

☒ Minimize alterations in prevailing currents.

An applicant for a permit for work in or adjacent to tidal waters/wetlands or the tidal buffer zone shall demonstrate that the following have been avoided or minimized as required by Env-Wt 313.04:

☒ Adverse impacts to beach or tidal flat sediment replenishment;

☒ Adverse impacts to the movement of sediments along a shore;

☒ Adverse impacts on a tidal wetland's ability to dissipate wave energy and storm surge; and

☒ Adverse impacts of project runoff on salinity levels in tidal environments.

For standard permit applications submitted for minor or major projects:

☒ Attach a CFA based on the data screening information and on-site evaluation required by Env-Wt 603.03. The CFA for tidal wetlands or tidal waters shall be:

- ☒ Performed by a qualified coastal professional; and
- ☒ Completed using one of the following methods:

  a. The US Army Corps of Engineers (USACE) Highway Methodology Workbook, dated 1993, together with the USACE New England District Highway Methodology Workbook Supplement, dated 1999; or

  b. An alternative scientifically-supported method with cited reference and the reasons for the alternative method substantiated.

For any project that would impact tidal wetlands or tidal waters or associated sand dunes, the applicant shall:

☒ Use the results of the CFA to select the location of the proposed project having the least impact to tidal wetlands, tidal waters or associated sand dunes;

☒ Design the proposed project to have the least impact to tidal wetlands, tidal waters or associated sand dunes;

☒ Where impact to wetland and other coastal resource functions is unavoidable, limit the project impacts to the least valuable functions, avoiding and minimizing impact to the highest and most valuable functions; and

☒ Include on-site minimization measures and construction management practices to protect coastal resource areas.

Projects in coastal areas shall use results of this CFA to:

☒ Minimize adverse impacts to finfish, shellfish, crustacea, and wildlife;

☒ Minimize disturbances to groundwater and surface water flow;

☒ Avoid impacts that could adversely affect fish habitat, wildlife habitat, or both; and

☒ Avoid impacts that might cause erosion to shoreline properties.

SECTION 4 - VULNERABILITY ASSESSMENT (Env-Wt 603.05)

Refer to the New Hampshire Coastal Flood Risk Summary Part 1: Science and New Hampshire Coastal Flood Risk Summary Part II: Guidance for Using Scientific Projections or other best available science to:

a. Determine the time period over which the project is designed to serve;

50 years

b. Identify the project's relative risk tolerance to flooding and potential damage or loss likely to result from flooding to buildings, infrastructure, salt marshes, sand dunes and other valuable coastal resource areas;

There is a 12 foot tall cement seawall above the high tide line at this portion of the beach. This reduces the risk of loos associated with the house. The small dune may experience impacts from splash over.

c. Reference the projected sea-level rise (SLR) scenario that most closely matches the end of the project design life and the project's tolerance to risk or loss;

A 2 foot sea level rise map was used.

d. Identify areas of the proposed project site subject to flooding from SLR;

this includes the area of the stone seawall infront of the cement vertical seawall.

e. Identify areas currently located within the 100-year floodplain and subject to coastal flood risk;

This map is attached to the application.

f. Describe how the project design will consider and address the selected SLR scenario within the project design life, including in the design plans;

The stone seawall will need to repair periodically as needed for storm surge damage.

g. Where there are conflicts between the project's purpose and the vulnerability assessment results, schedule a pre-application meeting with the department to evaluate design alternatives, engineering approaches, and use of the best available science.

☐ Pre-application meeting date held:

SECTION 5 - DESIGN PLANS (Env-Wt 603.07, in addition to Env-Wt 311)

Submit design plans for the project in both plan and elevational views that clearly depict and identify all required elements:

☒ The plan view shall depict the following:

- ☒ The engineering scale used, which shall be no larger than one inch equals 50 feet;
- ☐ The location of tidal datum lines depicted as a line with the associated elevation noted, based on North American Vertical Datum of 1988 (NAVD 88), derived from https://tidesandcurrents.noaa.gov/datum_options.html, as described in Section 6.
- ☐ An imaginary extension of property boundary lines into the waterbody and a 20-foot setback from those property line extensions;
- ☒ The location of all special aquatic sites at or within 100 feet of the subject property;
- ☒ Existing bank contours;
- ☒ The name and license number, if applicable, of each individual responsible for the plan, including:
  a. The agent for tidal docking structures who determined elevations represented on plans; and
  b. The qualified coastal professional who completed the CFA report and located the identified resources on the plan; and
- ☒ The location and dimensions of all existing and proposed structures and landscape features on the property;
- ☐ Tidal datum(s) with associated elevations noted, based on NAVD 88; and
- ☒ Location of all special aquatic sites within 100-feet of the property.

☒ The elevational view shall depict the following:

- ☒ The nature and slope of the shoreline;
- ☒ The location and dimensions of all proposed structures, including permanent piers, pilings, float stop structures, ramps, floats, and dolphins; and
- ☐ Water depths depicted as a line with associated elevation at highest observable tide, mean high tide, and mean low tide, and the date and tide height when the depths were measured. Refer to Section 6 for more instructions regarding water depth supporting information.

☒ See specific design and plan requirements for certain types of coastal projects:

- Overwater structures (Env-Wt 606);
- Dredging activities (Env-Wt 607);
- Tidal beach maintenance (Env-Wt 608);
- Tidal shoreline stabilization (Env-Wt 609);
- Protected tidal zone (Env-Wt 610);
- Sand Dunes (Env-Wt 611).

SECTION 6 - WATER DEPTH SUPPORTING INFORMATION REQUIRED (Env-Wt 603.08)

Using current predicted NOAA tidal datum for the location, and tying field measurements to NAVD 88, field observations of at least 3 tide events, including at least one minus tide event, shall be located to document the range of the tide in the proposed location showing the following levels:

☐ Mean lower low water;

☐ Mean low water;

☐ Mean high water;

☐ Mean tide level;

☐ Mean higher high water;

☐ Highest observable tide line; and

☐ Predicted sea-level rise as identified in the vulnerability assessment in Env-Wt 603.05.

The following data shall be presented in the application project narrative to support how water depths were determined:

☐ The date, time of day, and weather conditions when water depths were recorded; and

☐ The name and license number of the licensed land surveyor who conducted the field measurements.

☐ For tidal stream crossing projects, provide water depth information to show how the tier 4 stream crossing is designed to meet Env-Wt 904.07(c) and (d), and for repair, rehabilitation or replacement of tier 4 stream crossings, demonstrate how the requirements of Env-Wt 904.09 are met.

SECTION 7 - GENERAL CRITERIA FOR TIDAL BEACHES, TIDAL SHORELINE, AND SAND DUNES (Env-Wt 604.01)

Any person proposing a project in or on a tidal beach, tidal shoreline, or sand dune, or any combination thereof, shall evaluate the proposed project based on:

☒ The standard conditions in Env-Wt 307;

☒ The avoidance and minimization requirements in Env-Wt 311.07 and Env-Wt 313.03;

☒ The approval criteria in Env-Wt 313.01;

☒ The evaluation criteria in Env-Wt 313.05;

☒ The project specific criteria in Env-Wt 600;

☒ The CFA required by Env-Wt 603.04; and

☐ The vulnerability assessment required by Env-Wt 603.05.

New permanent impacts to sand dunes that provide coastal storm surge protection for protected species or habitat shall not be allowed except:

☐ To protect public safety; and

☐ Only if constructed by a state agency, coastal resiliency project, or for a federal homeland security project.

Projects in or on a tidal beach, tidal shoreline, or sand dune shall support integrated shoreline management that:

☐ Optimizes the natural function of the shoreline, including protection or restoration of habitat, water quality, and self-sustaining stability to flooding and storm surge; and

☐ Protects upland infrastructure from coastal hazards with a preference for living shorelines over hardened shoreline practices.

SECTION 8 - GENERAL CRITERIA FOR TIDAL BUFFER ZONES (Env-Wt 604.02)

The 100-foot statutory limit on the extent of the tidal buffer zone shall be measured horizontally. Any person proposing a project in or on an undeveloped tidal buffer zone shall evaluate the proposed project based on:

☒ The standard conditions in Env-Wt 307;

☒ The avoidance and minimization requirements in Env-Wt 311.07 and Env-Wt 313.03;

☒ The approval criteria in Env-Wt 313.01;

☒ The evaluation criteria in Env-Wt 313.05;

☒ The project specific criteria in Env-Wt 600;

☒ The CFA required by Env-Wt 603.04; and

☒ The vulnerability assessment required by Env-Wt 603.05.

Projects in or on a tidal buffer zone shall preserve the self-sustaining ability of the buffer area to:

☒ Provide habitat values;

☒ Protect tidal environments from potential sources of pollution;

☒ Provide stability of the coastal shoreline; and

☒ Maintain existing buffers intact where the lot has disturbed area defined under RSA 483-B:4, IV.

SECTION 9 - GENERAL CRITERIA FOR TIDAL WATERS/WETLANDS (Env-Wt 604.03)

Except as allowed under Env-Wt 606, permanent new impacts to tidal wetlands shall be allowed only to protect public safety or homeland security. Evaluation of impacts to tidal wetlands and tidal waters shall be based on:

☐ The standard conditions in Env-Wt 307;

☐ The avoidance and minimization requirements in Env-Wt 311.07 and Env-Wt 313.03;

☐ The approval criteria in Env-Wt 313.01;

☐ The evaluation criteria in Env-Wt 313.05;

☐ The project specific criteria in Env-Wt 600;

☐ The CFA required by Env-Wt 603.04; and

☐ The vulnerability assessment required by Env-Wt 603.05.

Projects in tidal surface waters or tidal wetlands shall:

☐ Optimize the natural function of the tidal wetland, including protection or restoration of habitat, water quality, and self-sustaining stability to storm surge;

☐ Be designed with a preference for living shorelines over hardened stabilization practices; and

☐ Be limited to public infrastructure or restoration projects that are in the interest of the general public, including a road, a bridge, energy infrastructure, or a project that addresses predicted sea-level rise and coastal flood risk.

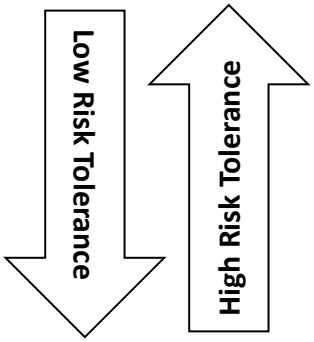
SECTION 10 – GUIDANCE

Your application must follow the New Hampshire Coastal Risk and Hazards Commission's Guiding Principles or other best available science. Below are some of these guidance principles:

- Incorporate science-based coastal flood risk projections into planning;
- Apply risk tolerance* to assessment, planning, design and construction;
- Protect natural resources and public access;
- Create a bold vision, start immediately, and respond incrementally and opportunistically as projected coastal flood risks increase over time; and
- Consider the full suite of actions including effectiveness and consequences of actions.

*Risk tolerance is a project's willingness to accept a higher or lower probability of flooding impacts. The diagram below gives examples of project with lower and higher risk tolerance:

Critical Infrastructures, historic sites, essential ecosystems, and high value assets typically have lower risk tolerance, and thus should be planned, designed, and constructed using higher coastal flood risk projections.



Sheds, pathways, and small docks typically have higher risk tolerance and thus may be planned, designed, and constructed using less protective coastal flood risk projections.

WEST ENVIRONMENTAL INC.
48 Stevens Hill Road, Nottingham, NH 03290
603-734-4298 ♦ mark@westenv.net

Sand Dune Functional Assessment

Site Location: 1074 Atlantic Ave Hampton NH
Dune Type: Small Frontal Dune with rugosa rose dominant in portions.
Dominant Vegetation: American Beach Grass, Rugosa Rose
Vegetation Density: high
Vegetation Diversity: low
Rare Plant Species: none observed
Invasive Plants: none
Non- Native Plants: Rugosa Rose abundant
Threatened and Endangered Wildlife Species: none observed

Landscape Position: Between seawall and house

Slope: flat

Stability: heavily vegetated

Dune Functions:
storm surge protection yes the fragment dune is above a vertical seawall and provides protection to the house

wildlife habitat songbird habitat island

sand sediment stabilization yes dense vegetation

rare plant species habitat possibly

scenic quality yes view of ocean present

other This dune fragment is approximately 2000 SF total and is connected to additional small dune areas in front of houses to the south. There is no dune to the north.

References

Coastal Sand Dune Systems - Maine Geological Survey

Dune Ecology Secondary Dunes and Beyond – New Jersey Sea Grant

The Nature of New Hampshire Natural Communities of the Granite State
Sperduto and Nichols

Ecosystems and Resource of the Massachusetts Coast
Massachusetts Coastal Zone Management

Site
Topo map: 18605
Topo map: 18606
ATLANTIC AV
SHIPROCK RD
ROCKRIMMON RD
MUNSEY DR
Garland Brook
Little River
North Hampton Beach
North Hampton State Park
Little River Marsh Sanctuary
Boies Deed Restriction
Hampton Water Works Land
Hammond Donation
Twelve Shares
Town of Hampton Land
Twelve Shares Wall
McRae
Perkins
Town of North Hampton / Kokemak
Runnymede Homeowners Association
ASNH Hampton Saltmarsh - SPNHF
SPNHF Saltmarsh - Smith
Town of Hampton Marsh - Ocean Blvd.
JUNIPER LN
HUCKLEBERRY LN
WOODLAND RD
KATIE LN
N SHORE RD
Nilus Brook
Marsh Island Corp
Old Millpond
HIGH ST
OCEAN BLVD
SEAVIEW
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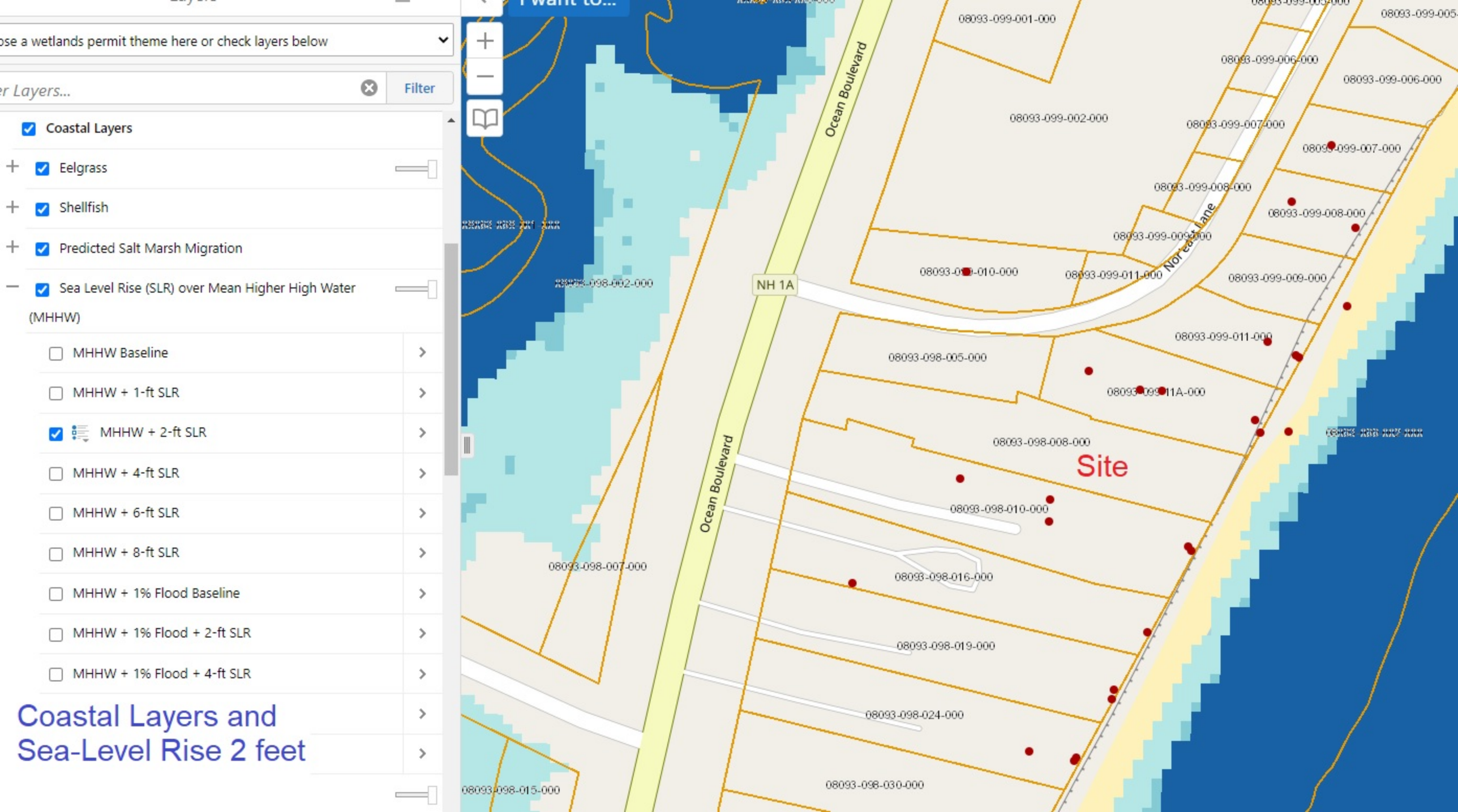
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Filter
Coastal Layers
Eelgrass
Shellfish
Predicted Salt Marsh Migration
Sea Level Rise (SLR) over Mean Higher High Water (MHHW)
MHHW Baseline
MHHW + 1-ft SLR
MHHW + 2-ft SLR
MHHW + 4-ft SLR
MHHW + 6-ft SLR
MHHW + 8-ft SLR
MHHW + 1% Flood Baseline
MHHW + 1% Flood + 2-ft SLR
MHHW + 1% Flood + 4-ft SLR
Coastal Layers and Sea-Level Rise 2 feet
Ocean Boulevard
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Site
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08093-098-019-000
08093-098-024-000
08093-098-030-000
08093-098-007-000
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Outstanding Resource Water Watersheds
Impaired Waters
Designated Rivers
National Wetlands Inventory
Wildlife Action Plan 2020
Highest Ranked Wildlife Habitat
Wildlife Habitat Land Cover
Marsh-Scrub / Shrub Wetlands
Fisheries
Eastern Brook Trout
Threatened or Endangered Species
Species of Conservation Concern
Cold Water Fisheries
Predicted Cold Water Fisheries
Conservation and Public Lands
FEMA Floodplains
Poorly Drained Soils
08093-099-002-000
08093-099-007-000
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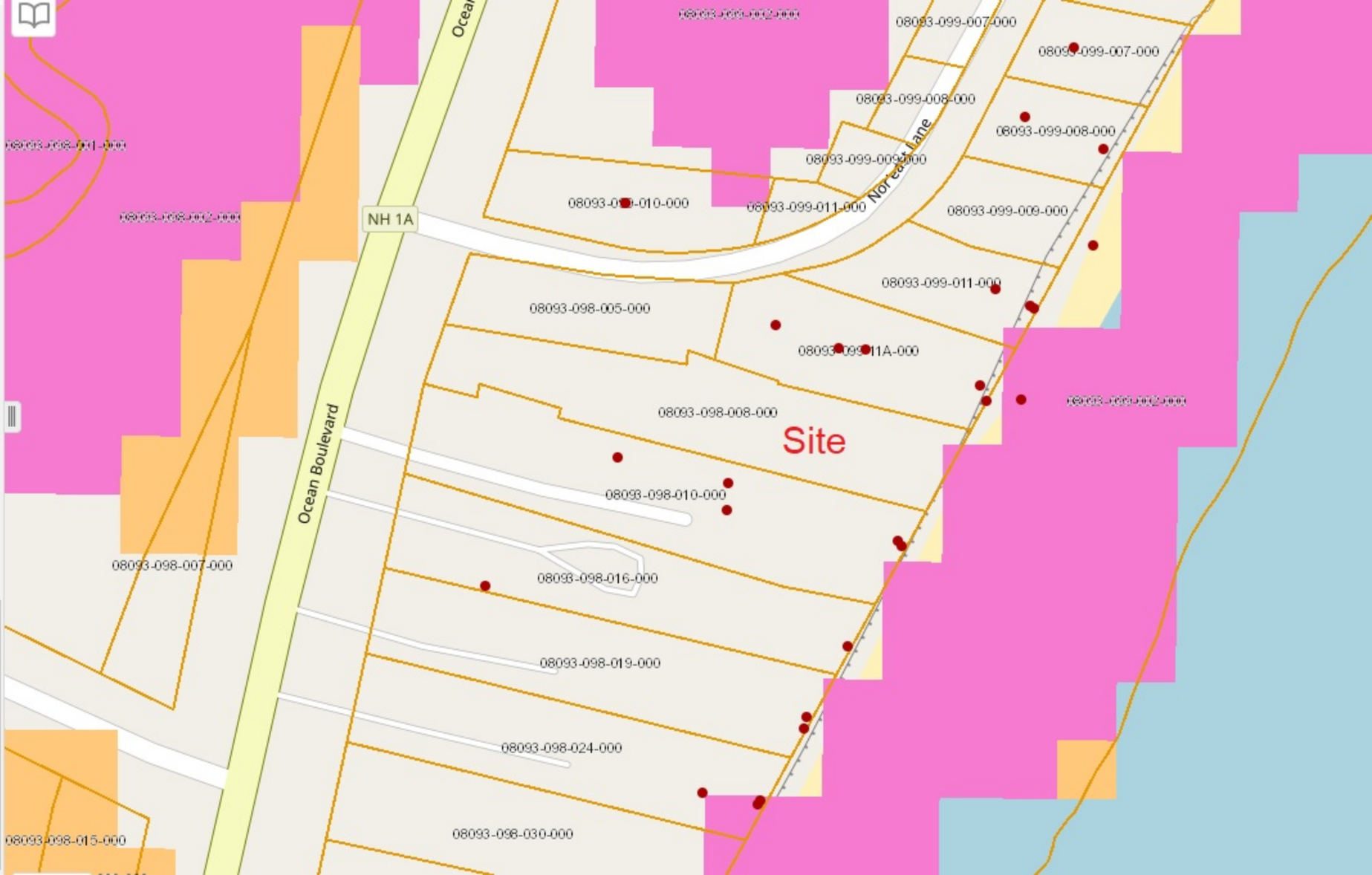
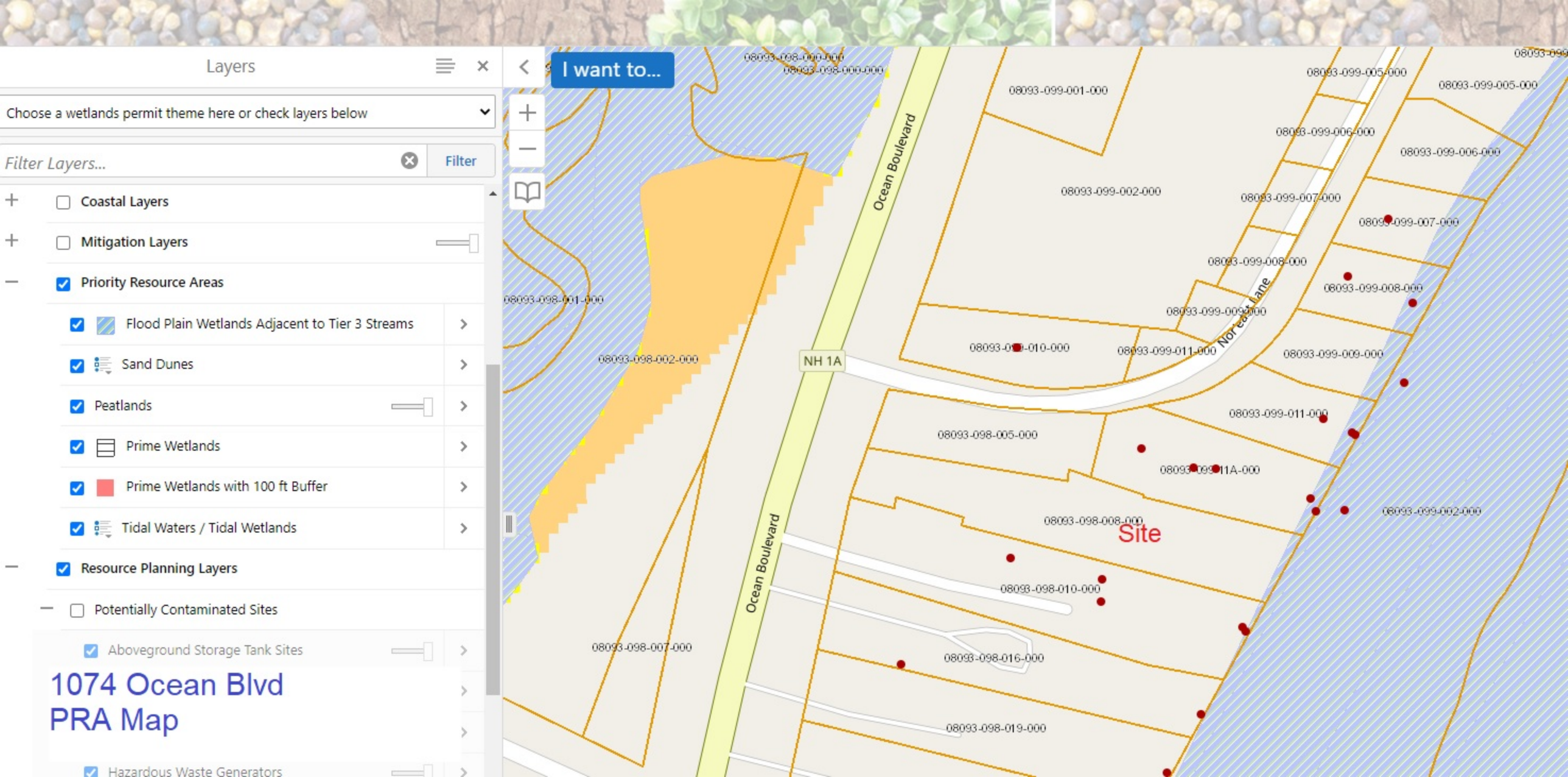
Fisheries and
FEMA Floodplain

- [x] Hazardous Waste Generators
- [x] NPDES Outfalls
- [x] Remediation Sites
- [x] Solid Waste Facilities
- [x] Underground Storage Tank Sites
- [ ] Outstanding Resource Water Watersheds
- [ ] Impaired Waters
- [x] Designated Rivers
- [ ] National Wetlands Inventory
- [x] Wildlife Action Plan 2020
  - [x] Highest Ranked Wildlife Habitat
  - [ ] Wildlife Habitat Land Cover
  - [ ] Marsh-Scrub / Shrub Wetlands
- [ ] Fisheries

Highest Ranked Habitat Map




Layers
Choose a wetlands permit theme here or check layers below
Filter Layers...
Filter
Coastal Layers
Mitigation Layers
Priority Resource Areas
Flood Plain Wetlands Adjacent to Tier 3 Streams
Sand Dunes
Peatlands
Prime Wetlands
Prime Wetlands with 100 ft Buffer
Tidal Waters / Tidal Wetlands
Resource Planning Layers
Potentially Contaminated Sites
Aboveground Storage Tank Sites
1074 Ocean Blvd
PRA Map
Hazardous Waste Generators
I want to...
Ocean Boulevard
NH 1A
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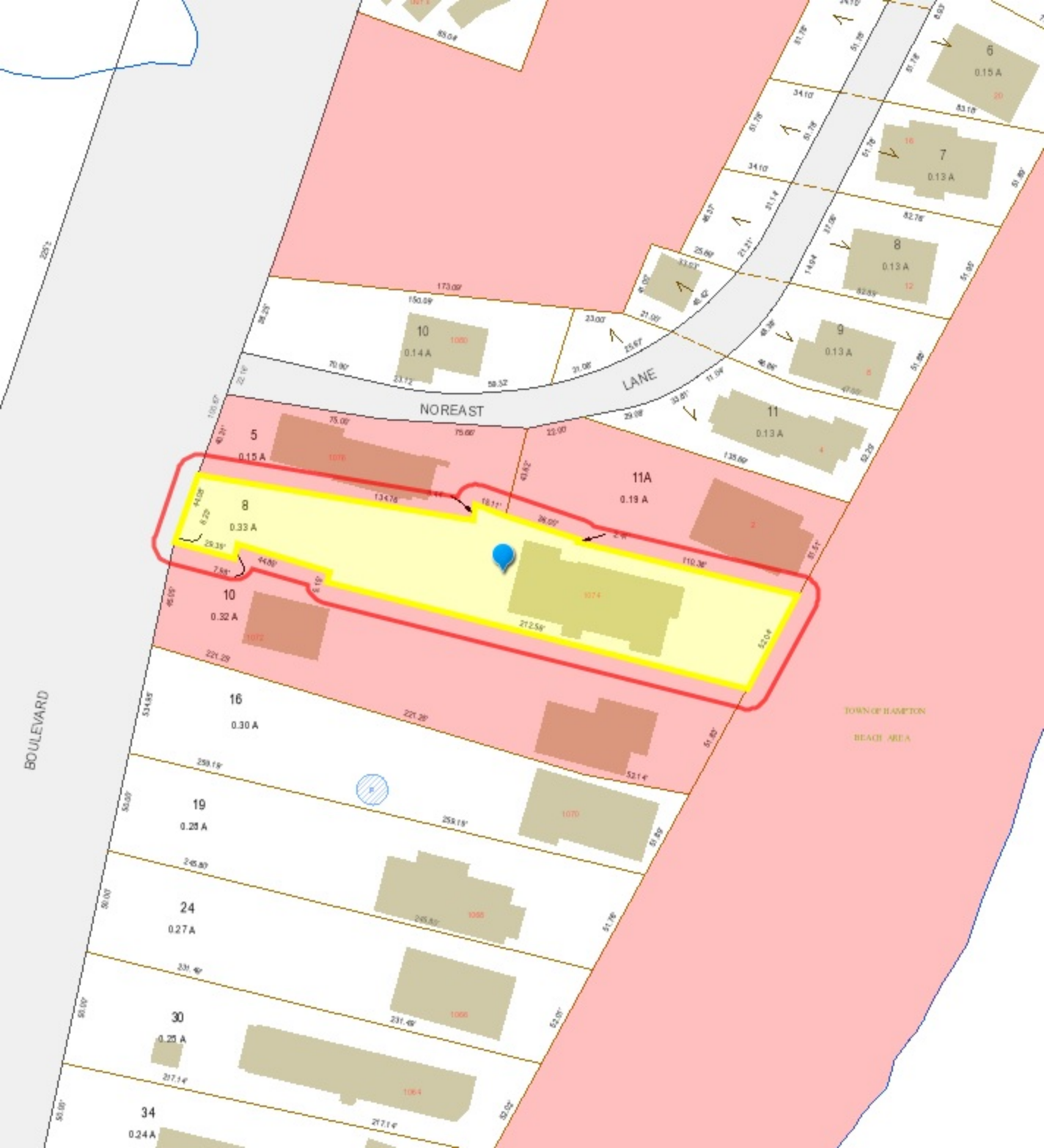
LANE
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TOWN OF HAMPTON
BEACH AREA
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10 foot Abutters List Report

Hampton, NH
February 15, 2022

Subject Property:

Parcel Number:	098-0080-0000	Mailing Address:	BAGHDASSARIAN, TANYA HOVNANIAN
CAMA Number:	098-0080-0000-0001		1074 OCEAN BLVD
Property Address:	1074 OCEAN BLVD		HAMPTON, NH 03842

Abutters:

Parcel Number:	098-0050-0000	Mailing Address:	BAKER, ADELE B REVOC TRUST
CAMA Number:	098-0050-0000-0000		BAKER, ADELE B & CLYDE J TTEES
Property Address:	1076 OCEAN BLVD		484 PINE ST.
			MANCHESTER, NH 03104
Parcel Number:	098-0100-0000	Mailing Address:	SALTMARSH, ROBERT W REV TRUST
CAMA Number:	098-0100-0000-0001		C/O SALTMARSH, ROBERT W
Property Address:	1072 OCEAN BLVD		1072 OCEAN BLVD
			HAMPTON, NH 03842
Parcel Number:	099-0020-0000	Mailing Address:	HAMPTON, TOWN OF
CAMA Number:	099-0020-0000-0000		100 WINNACUNNET RD
Property Address:	OCEAN BLVD		HAMPTON, NH 03842-2119
Parcel Number:	099-011A-0000	Mailing Address:	GEIER, WENDY
CAMA Number:	099-011A-0000-0000		2 NOR'EAST LN
Property Address:	2 NOR'EAST LN		HAMPTON, NH 03842

WEST ENVIRONMENTAL INC.
48 Stevens Hill Road, Nottingham, NH 03290
603-734-4298 ♦ mark@westenv.net

Eben Lewis February 22, 2022
NHDES Wetlands Bureau
Pease International Tradeport
222 International Drive, Suite 175
Portsmouth, NH 03801

RE: 1074 Ocean Boulevard Hampton, NH
SUBJ: Report to Accompany NHDES Wetland Application

Dear Eben:
West Environmental, Inc. (WEI) prepared this report for the construction of steps, repair of a seawall, construction of a pervious patio, replacement of an impervious walkway, and the construction of a privacy fence on the above referenced property. The seawall was severely damaged by several storm surges and needs repair. As part of the repair steps will be constructed for beach access within the footprint of the seawall. The Highest Observable Tideline was mapped based on field observations of rack line at 10-foot tides.

1. *The repair of the seawall will be within the original footprint, and utilize existing boulders and stones washed from the wall as much as possible. There is no vegetation on the existing seawall. The construction of steps is needed to access the beach safely and will use a design utilized by abutters*

2. The path will be replaced with pervious pavers and all disturbed dune will be restored with native dune vegetation.

3. The HOTL will be marked by WEI prior to the start of construction and maintained as needed.

4. A Construction Completion Report with photo documentation will be submitted upon completion of the seawall repair and dune restoration.

Wetland and Buffer Impacts

The only new impervious area in the UTBZ is the 105 SF footprint of the steps, and this impact is mitigated by the replacement of the impervious path to pervious (136 SF).

The seawall and steps are totally within the 50-foot buffer and above the highest observable tideline as shown on the plans.

The Temporary impacts to the boulder seawall are 370 SF.

Impacts within the small dune were evaluated using the attached Sand Dune Functional Assessment Form developed by West Environmental, Inc based on existing scientific information. The dune is well vegetated and provides the following functions: Storm Surge Protection, Wildlife Habitat, sand and sediment stabilization, and scenic quality.

The applicant proposes to convert all of the existing impervious pathways within the 100-foot tidal buffer to pervious and this will result in temporary impacts to the buffer zone and the adjacent sand dune. A new pervious patio is proposed which will result is a new permanent impact of 233 SF. All temporary disturbances within the dune will include the following sequence:

1. Stake the limit of work prior to construction and install silt sock.
2. Identify any rare species prior to construction and flag.
3. Salvage all dune vegetation and store in bags or bury in sand for replanting.
4. Replant all temporary impact areas with salvaged vegetation.
5. Photo document project completion and prepare report.

This completes our report we hope that it meets your needs. Please call our office if you have any questions or require additional information.

Sincerely,
West Environmental, Inc.

Mark C. West,
NH Certified Wetland Scientist #10

cc: Tanya Baghdassarian